

Delaware State Clearinghouse Committee Agenda

November 24, 2015

<i>Item</i>	<i>SA#</i>	<i>Applicant</i>	<i>Project Title</i>	<i>Federal</i>	<i>Funding State</i>	<i>Other</i>	<i>Positions</i>		
							<i>Federal</i>	<i>State</i>	<i>Other</i>
Notice of Award									
	2015-09-18-01	Innovative Schools	Implementation Activities for Delaware STEM Academy	\$609,000	\$209,167	\$121,033	0.00	0.00	0.00
	2015-09-18-02	Innovative Schools	Implementation Activities for First State Military Academy	\$608,262	\$712,722	\$145,979	0.00	0.00	0.00
New Business									
1	2524	Department of State, Historical and Cultural Affairs, Office of the Director	Maritime Heritage Grant	\$80,910	\$243	\$0	0.00	0.00	0.00
Continued									
2	2530	Executive, Criminal Justice, Criminal Justice Council	Edward Byrne Memorial Justice Assistance Grant	\$896,805	\$51,160	\$0	0.80	0.82	0.00
3	2072 Amendment	Executive, Criminal Justice, Criminal Justice Council	Prison Rape Elimination Act Reallocation Funds	\$6,806	\$0	\$0	0.00	0.00	0.00
4	1877	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Substance Abuse Prevention and Treatment Block Grant	\$6,838,964	\$15,621,055	\$0	3.20	33.80	0.00
5	2360	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Vocational Rehabilitation - Blind (Basic Support)	\$1,528,277	\$641,118	\$0	16.25	7.39	0.00
6	2366	Department of Health and Social Services, Visually Impaired, Visually Impaired Services	Supported Employment Services	\$45,000	\$0	\$0	0.00	0.00	0.00
7	2516	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Projects for Assistance in Transition from Homelessness	\$300,000	\$120,780	\$0	0.00	0.00	0.00
8	2517	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant	\$1,052,300	\$99,198,822	\$0	1.00	0.00	0.00
9	2520	Department of Health and Social Services, Public Health, Community Health	State Systems Development Initiative	\$100,000	\$0	\$0	0.00	0.00	0.00
10	2521	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Delaware Strategic Prevention Framework - Partnership for Success	\$2,016,000	\$0	\$0	0.00	0.00	0.00
11	2529	Department of Health and Social Services, Medicaid and Medical Assistance	Children's Health Insurance Program	\$35,200,000	\$3,760,000	\$0	0.00	0.00	0.00
12	2531	Department of Health and Social Services, State Service Centers	Foster Grandparent Program	\$521,472	\$792,380	\$0	0.50	5.50	0.00
13	2537	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children Program	\$1,930,048	\$0	\$0	14.25	0.00	0.00
14	2539	Department of Health and Social Services, Public Health, Community Health	Immunization and Vaccines for Children Program - Prevention and Public Health Funds	\$80,797	\$0	\$0	1.05	0.00	0.00
15	2511	Department of Natural Resources and Environmental Control, Office of the Secretary, Energy and Climate	Clean Cities Coalition Programmatic Support	\$25,000	\$0	\$0	0.00	0.00	0.00
16	2013-10-04-01 Amendment 2	Department of Natural Resources and Environmental Control, Office of Environmental Protection, Air Quality	Air Pollution Control	\$1,209,332	\$880,510	\$0	16.15	8.45	0.00

New Business requires the attendance of the Contact Person.

Available to the internet at: <http://budget.delaware.gov/clearinghouse/abm.shtml>

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17	2527	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Criminal History Improvement Program	\$194,000	\$21,556	\$0	0.00	0.00	0.00
18	2528	Department of Safety and Homeland Security, State Police, State Bureau of Identification	National Instant Criminal Background Check System Act - Record Improvement Program	\$74,000	\$0	\$0	0.00	0.00	0.00
19	2526	Department of Labor, Administration, Office of Occupational and Labor Market Information	Labor Market Information	\$530,913	\$0	\$0	8.50	0.00	0.00
20	2514	Department of Education	Migrant Education Program Consortium Incentive	\$133,333	\$0	\$0	0.00	0.00	0.00
Higher Education									
1	2015-11-07-01	HE/University of Delaware	The Interplay Between Spectral and Combinatorial Properties of Graphs and Association Schemes	\$118,416	\$0	\$0			
2	2015-11-07-02	HE/University of Delaware	NSF Alegbraic Methods in Combinatorics and Finte Geometry	\$206,642	\$0	\$0			
3	2015-11-07-03	HE/University of Delaware	A Polynomial-Based Theory for Studying Projective Planes of Prime Power Order	\$269,825	\$0	\$0			
4	2015-11-07-04	HE/University of Delaware	Prevalence and Levels of Pathogens in Raw Manure in Different Geographic Locations	\$0	\$0	\$130,512			
5	2015-11-07-05	HE/University of Delaware	Toward Membrane-Specific Medicine: Exploiting Lipidomic Complexity for GPCR-Based Therapeutics	\$3,466,685	\$0	\$0			
6	2015-11-07-06	HE/University of Delaware	Designing Supported Bimetallic Hydrocarbon Conversion Catalysts Based on Low-Temperature ALD-Like Processes on Oxide Support Materials	\$0	\$0	\$110,000			
7	2015-11-07-07	HE/University of Delaware	Algebraic and Combinatorial Constructions of Dense Graphs With Forbidden Cycle Lengths	\$114,831	\$0	\$0			
8	2015-11-07-08	HE/University of Delaware	PADE United Way of Delaware 15/16 Partner Organization	\$0	\$0	\$15,800			
9	2015-11-07-09	HE/University of Delaware	Targeting EGFR Signaling for Treating Osteoarthritis	\$0	\$0	\$88,007			
10	2015-11-07-10	HE/University of Delaware	Two Questions: What is a Fractional Derivative and Can we Generalize the Limit-Definition of the Derivative?	\$228,782	\$0	\$0			
11	2015-11-07-11	HE/University of Delaware	Trunk Muscle Characteristics and Their Association with Balance, Function, and Participation Among Individuals with Amputations	\$100,000	\$0	\$0			

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12	2015-11-07-12	HE/University of Delaware	Irex Mandela Washington Fellowship for Young African Leaders	\$0	\$0	\$116,636			
13	2015-11-07-13	HE/University of Delaware	USDA Hatch Appropriations FY2016	\$1,139,733	\$0	\$0			
14	2015-11-07-14	HE/University of Delaware	USDA Hatch Multistate Appropriations FY2016	\$496,849	\$0	\$0			
15	2015-11-07-15	HE/University of Delaware	Collaborative Research: 3-D In-Situ Stress Mapping in Engineered Tissue Models Using Photonic Micro-Sensor Arrays	\$177,072	\$0	\$0			
16	2015-11-07-16	HE/University of Delaware	Rusk Rehabilitation Traumatic Brain Injury-QQL	\$158,671	\$0	\$0			
17	2015-11-07-17	HE/University of Delaware	A Novel Regenerative Nanoscaffolding System for Treatment of An Adjustable Rat Model of Myocardial Infraction (MI) Using MSCs Differentiated Towards the Cardiac Lineage	\$275,000	\$0	\$0			
18	2015-11-07-18	HE/University of Delaware	McIntire Stennis FFY2016 Appropriation	\$102,305	\$0	\$0			
19	2015-11-07-19	HE/University of Delaware	Collaborative Research: Experimental and Numerical Investigations of Density Stratified Turbulent Mixing	\$155,025	\$0	\$0			
20	2015-11-07-20	HE/University of Delaware	Improving Solar Cell Efficiency with New Photon Upconversion Architectures	\$900,000	\$0	\$0			
21	2015-11-07-21	HE/University of Delaware	Unresolved Post-Concussion Balance Deficits and Subsequent Musculoskeletal Injury	\$352,382	\$0	\$0			
22	2015-11-07-22	HE/University of Delaware	Venture Well E-Team	\$0	\$0	\$5,000			
23	2015-11-07-23	HE/University of Delaware	Predicting Macroscopic Toughness and Strength in Hybrid Nanostructured Materials	\$242,620	\$0	\$0			
24	2015-11-07-24	HE/University of Delaware	Seperable Contacts for In-Situ Tribology Studies	\$0	\$0	\$40,042			
25	2015-11-07-25	HE/University of Delaware	Profiles and Progress in Spanish English Bilinguals With Language Impairment: Development of a Criterion Reference Measure	\$0	\$0	\$440,175			
26	2015-11-07-26	HE/University of Delaware	Cu-Catalyzed Azide Reactions for Novel Dental Composite Materials	\$0	\$0	\$100,425			

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27	2015-11-07-27	HE/University of Delaware	Cu-Catalyzed Azide Reactions for Novel Dental Composite Materials	\$0	\$0	\$100,425			
28	2015-11-07-28	HE/University of Delaware	Collaborative Research: Live-Dead Screening to Identify Novel GPCR Ligands	\$200,470	\$0	\$0			
29	2015-11-07-29	HE/University of Delaware	Defect Structure in Multiferroic Systems	\$264,070	\$0	\$0			
30	2015-11-07-30	HE/University of Delaware	Multiscale Plenoptic Imaging and Direct Computation of Turbulent Channel Flows Laden With Finite-Size Solid Particles	\$202,702	\$0	\$0			
31	2015-11-07-31	HE/University of Delaware	Mitochondrial Oxidative Stress in Chronic Kidney Disease	\$289,540	\$0	\$0			
32	2015-11-07-32	HE/University of Delaware	Neural Control of Social Communication in Mouse Models of Autism	\$1,500,000	\$0	\$0			
33	2015-11-07-33	HE/University of Delaware	IGF-1 Reduces Post-Traumatic Osteoarthritis (PTOA) Progression Through Inhibition of TRPV4 Channel Activity	\$675,674	\$0	\$0			
34	2015-11-07-34	HE/University of Delaware	Development and Testing of a Novel Phosphorous Nano-Fertilizer	\$0	\$0	\$305,372			
35	2015-11-07-35	HE/University of Delaware	Collaborative Research: Glacier-Ocean Interactions at a Greenland Ice Shelf at Tidal to Interannual Time Scales	\$231,082	\$0	\$0			
36	2015-11-07-36	HE/University of Delaware	Identifying Adaptive Gait Strategies when using Stiffness-Personalized Ankle-Foot Orthoses	\$294,852	\$0	\$0			
37	2015-11-07-37	HE/University of Delaware	Quantifying the Effects of Sleep on Cardiovascular Health Risk Factors: A Population Analysis Using UK Biobank Data	\$164,540	\$0	\$0			
38	2015-11-07-38	HE/University of Delaware	Assessing the effectiveness of using haematophagous leeches to sample biodiversity in Sumatra	\$0	\$0	\$1,953			
39	2015-11-07-39	HE/University of Delaware	Non-Precious Bimetallic Catalysts for Biomass Upgrading	\$222,744	\$0	\$0			
40	2015-11-07-40	HE/University of Delaware	Diffusion of Gases in Nano- and Micro-length Scale Structured Materials Such as Cork	\$199,196	\$0	\$0			
41	2015-11-07-41	HE/University of Delaware	Blueprint Communities Delaware Partnership	\$0	\$0	\$26,086			

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42	2015-11-07-42	HE/University of Delaware	Exploring the Temperature Sensitivity of Amino Acid Racemization in Planktic Foraminifera as a Proxy for Paleotemperatures	\$0	\$0	\$110,000			
43	2015-11-07-43	HE/University of Delaware	Experimental and Computational Investigation of the Interplay Between Photodegradation and Reactive Oxygen Production of Polycyclic Aromatic Hydrocarbons	\$0	\$0	\$110,000			
44	2015-11-07-44	HE/University of Delaware	Sunoco Foundation Grant	\$0	\$0	\$210,876			
45	2015-11-07-45	HE/University of Delaware	Coca-Cola Foundation Grant	\$0	\$0	\$210,876			
46	2015-11-07-46	HE/University of Delaware	Validation of Sub Synchronous Control Interaction and Mitigation	\$0	\$0	\$6,638			
47	2015-11-07-47	HE/University of Delaware	Collaborative Research: Permafrost Carbon Cycling Within Arctic Rivers: Accounting for Loss During Transport Due to Microbial Activities	\$159,940	\$0	\$0			
48	2015-11-07-48	HE/University of Delaware	Elucidating Metabolism of Co-Cultures	\$198,995	\$0	\$0			
49	2015-11-07-49	HE/University of Delaware	Evaluation of a Biomechanical Model to Personalize Orthotic Rocker Profiles for Individuals with Limited Ankle Motion	\$217,664	\$0	\$0			
50	2015-11-07-50	HE/University of Delaware	Collaborative Research: Adhesive Carbon Nanotube Meshes as Conductive Binder for Battery Application	\$167,042	\$0	\$0			
51	2015-11-07-51	HE/University of Delaware	Collaborative Research: Non-invasive, Paper-Based Cancer Biomarkers Detection Using Universal Protein Multi-functional Outer Membrane Vesicles Platforms	\$169,507	\$0	\$0			
52	2015-11-07-52	HE/University of Delaware	Molecular Mechanisms of Aniridia Fibrosis Syndrome	\$0	\$0	\$2,500			
53	2015-11-07-53	HE/University of Delaware	Jonas Nurse Leaders Scholars Program 2016 - 2018	\$0	\$0	\$20,000			
54	2015-11-07-54	HE/University of Delaware	Flavoproteins in Oxidative Protein Folding	\$1,250,000	\$0	\$0			
55	2015-11-07-55	HE/University of Delaware	Dissecting Fibrotic Diseases With Dynamic and Controlled Microenvironments	\$1,499,998	\$0	\$0			
56	2015-11-07-56	HE/University of Delaware	Hybrid Fluorinated Materials Characterization	\$0	\$0	\$7,692			

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57	2015-11-07-57	HE/University of Delaware	RWJ Wilmington Engaged in Data Across Sectors for Health	\$0	\$0	\$181,096			
58	2015-11-07-58	HE/University of Delaware	Collaborative Research: Synthesis, Structural Characterization and Electrochemical Studies of Framework Substituted Silicon, Germanium and Tin Clathrates	\$207,548	\$0	\$0			
59	2015-11-07-59	HE/University of Delaware	Collaborative Research: Light-induced On/off Dormancy in Polyplexes for Patterned Transfection of Multiple Factors and Versatile Control of Cell Behavior within Tissue Scaffolds	\$288,114	\$0	\$0			
60	2015-11-07-60	HE/University of Delaware	Large Scale and In-Situ Quantification of Pure Spin Current and Spin Hall	\$222,905	\$0	\$0			
61	2015-11-07-61	HE/University of Delaware	Collaborative Research: SusChEM: Targeting Products From Thermochemical Lignocellulosic Bio-Oil by Early-Stage Integration of Thermodynamics in Life Cycle Inventories	\$68,394	\$0	\$0			
62	2015-11-07-62	HE/University of Delaware	Collaborative Research: Effects of Urbanization on Streamwater Quality and Microbial Communities	\$173,391	\$0	\$0			
63	2015-11-07-63	HE/University of Delaware	IR-4 Project 2015: Miscanthus Mealybug Efficacy	\$0	\$0	\$10,000			
64	2015-11-07-64	HE/University of Delaware	Collagen Turnover-Stimulated Gene Delivery to Enhance Tissue Repair	\$318,981	\$0	\$0			
65	2015-11-07-65	HE/University of Delaware	Fate of Cadmium Under Engineered Physico-Chemical Gradients in the Soil-Water-Rice Nexus	\$200,255	\$0	\$0			
66	2015-11-07-66	HE/University of Delaware	Collaborative Research: Injectable Solid Beta-Hairpin Hydrogels for 3-D in Vitro Mimic of the Outer Cerebellum	\$306,206	\$0	\$0			
67	2015-11-07-67	HE/University of Delaware	Multi-scale Spectral Diagnostics of Loading Forces and Responses along Coastal Areas during Hazardous Weather Events using Sea Ice as a Detector - Potential PREEVENTS Contribution	\$617,427	\$0	\$0			
68	2015-11-07-68	HE/University of Delaware	Subpolar North Atlantic - Arctic Oceanographic Processes During the Global Warming Slowdown Period	\$180,592	\$0	\$0			
69	2015-11-07-69	HE/University of Delaware	Work Directive 004 AAM Pilot Line Implementation	\$1,470,567	\$0	\$0			
70	2015-11-07-70	HE/University of Delaware	Self-healing Composite Membranes for Fuel Cell Applications	\$275,185	\$0	\$0			
71	2015-11-07-71	HE/University of Delaware	The Ultimate Limit of Rescattering in Strong Laser Fields	\$209,011	\$0	\$0			

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72	2015-11-07-72	HE/University of Delaware	Collaborative Research: Biological Cycling of Chlorine in Soils of the Arctic Coastal Plain	\$111,750	\$0	\$0			
73	2015-11-07-73	HE/University of Delaware	Collaborative Research: Advanced Biomanufacturing of Functional Bionanoparticles for Biomedical Engineering Applications	\$189,007	\$0	\$0			
74	2015-11-07-74	HE/University of Delaware	Preserving Plastics. Atmospheric Plasma Deposited Barrier Coatings to Prevent Plasticizer Leaching in Polymeric Cultural Artifacts	\$0	\$0	\$54,821			
75	2015-11-07-75	HE/University of Delaware	Modernizing Political Event Data for Big Data Social Science Research	\$0	\$0	\$31,453			
76	2015-11-07-76	HE/University of Delaware	US Students Participation of the 20th Course of IS CRA	\$10,000	\$0	\$0			
77	2015-11-07-77	HE/University of Delaware	Development of a Thermodynamically Consistent, Robust Model for Thixotropic Suspensions	\$200,309	\$0	\$0			
78	2015-11-07-78	HE/University of Delaware	Moment-Based Analysis Tools for Stochastic Hybrid Systems with Biological Applications	\$167,660	\$0	\$0			
79	2015-11-07-79	HE/University of Delaware	Wnt Inhibitory Nanoparticles for Treatment of Bone Metastatic Breast Cancer	\$0	\$0	\$227,437			
80	2015-11-07-80	HE/University of Delaware	UM/NSF NHERI Computational Modeling and Simulation Center	\$0	\$0	\$123,295			
81	2015-11-07-81	HE/University of Delaware	Collaborative Research: Development of Diels-Alder Chemistry for Preparation of Thermally Responsive Materials: Synthesis Guided by Simulations	\$114,595	\$0	\$0			
82	2015-11-07-82	HE/University of Delaware	Development of Molecular Simulation Techniques for Probing Solvent Effects in Polymer Films during Solvent Vapor Annealing	\$205,124	\$0	\$0			
83	2015-11-07-83	HE/University of Delaware	Collaborative Research: Environmental Science for Latino English Learners (ESLEL)Collaborative Research: Environmental Science for Latino English Learners (ESLEL)	\$0	\$0	\$135,458			
84	2015-11-07-84	HE/University of Delaware	Mapping of Bird Migration Stopover Sites in Canada	\$0	\$0	\$11,306			
85	2015-11-07-85	HE/University of Delaware	Association of University Centers on Disabilities/US Department of Health and Human Services Leadership Institute	\$0	\$0	\$60,138			
86	2015-11-07-86	HE/University of Delaware	Collaborative Research: An Experimental/Theoretical Program on Biomaterials for Gene Therapy	\$174,101	\$0	\$0			

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87	2015-11-07-87	HE/University of Delaware	Chalcogenide based Hybrid Polymers with High Refractive Index for IR Thermal Imaging	\$0	\$0	\$49,040			
88	2015-11-07-88	HE/University of Delaware	Spectral Graph Theory: Connections and Applications	\$34,784	\$0	\$0			
89	2015-11-07-89	HE/University of Delaware	Applications of Probability Theory to Problems in Combinatorics, Statistics and Algorithms	\$34,784	\$0	\$0			
90	2015-11-07-90	HE/University of Delaware	Simons FDN Singh 16	\$0	\$0	\$550,000			
91	2015-11-07-91	HE/University of Delaware	Hybrid Thermoplastic Matrix Fabrication Methods for Missile Structures	\$0	\$0	\$16,026			
92	2015-11-07-92	HE/University of Delaware	Investigating High-k Modes in Metamaterial Structures	\$304,096	\$0	\$0			
93	2015-11-07-93	HE/University of Delaware	Molecular Design Rules for Tailoring Dual Phase Transitions in Diblock Systems: Integrated Simulations and Experiments	\$366,004	\$0	\$0			
94	2015-11-07-94	HE/University of Delaware	Collaborative Research: Exploring New Design Principles of Capacitors by Tuning Graphene Oxide Structures	\$236,522	\$0	\$0			
95	2015-11-07-95	HE/University of Delaware	Simons FDN Jayaraman 16	\$0	\$0	\$550,000			
96	2015-11-07-96	HE/University of Delaware	Development of a Robust High Resolution Video System for Assessing Dredge Efficiency and Fin Fish Behavior	\$0	\$0	\$26,298			
97	2015-11-07-97	HE/University of Delaware	Minnesota State Contract Dozier 2015	\$0	\$0	\$675,000			
98	2015-11-07-98	HE/University of Delaware	Hostility, Marital Interaction, and Cancer Survivorship	\$0	\$0	\$38,345			
99	2015-11-07-99	HE/University of Delaware	OP: Mid-infrared Lasers on InP Substrates Using Bismuth-Containing Semiconductors	\$303,728	\$0	\$0			
100	2015-11-08-01	HE/University of Delaware	GOALI: Fundamental Approaches to Atomic Layer Etching	\$400,037	\$0	\$0			
101	2015-11-08-02	HE/University of Delaware	Prediction of Musculoskeletal Response to FES Intervention in Post-Stroke Gait	\$1,823,914	\$0	\$0			

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102	2015-11-08-03	HE/University of Delaware	Biology, Ecology, and Management of Brown Marmorated Stink Bug in Orchard Crops, Small Fruit, Grapes, Vegetables, and Ornamentals - NIFA Specialty Crop Research Initiative Grants Program	\$40,630	\$0	\$0			
103	2015-11-08-04	HE/University of Delaware	Collaborative Research: In-Band Full-Duplex Underwater Acoustic Networks	\$206,012	\$0	\$0			
104	2015-11-08-05	HE/University of Delaware	Photonically Enabled Radio-Frequency Transmitter for Space-Division Multiplexing	\$247,312	\$0	\$0			
105	2015-11-08-06	HE/University of Delaware	Doping, Defects, and Localization in Complex Materials	\$250,701	\$0	\$0			
106	2015-11-08-07	HE/University of Delaware	OP: Advanced Electro-Optic Modulators	\$248,659	\$0	\$0			
107	2015-11-08-08	HE/University of Delaware	New Materials and Structures by Depositing Covalently-Controlled Layers of Nanoparticles	\$280,202	\$0	\$0			
108	2015-11-08-09	HE/University of Delaware	Collaborative Research: Water-Mediated Transport of Ions and Molecules in Ionomeric Paint Films: An Integrated Multi-Technique Investigation	\$310,200	\$0	\$0			
109	2015-11-08-10	HE/University of Delaware	Data Structure-Driven Geometry and Topology Optimization Applied to Electromagnetics	\$192,272	\$0	\$0			
110	2015-11-08-11	HE/University of Delaware	Simons Investigators - Marianna Safronova	\$0	\$0	\$550,000			
111	2015-11-08-12	HE/University of Delaware	Collaborative Research: Wireless Implantable Bone Intramedullary Fluid Modulator (WiBi FM) for the Treatment of Osteoporosis and Fracture Repair	\$195,407	\$0	\$0			
112	2015-11-08-13	HE/University of Delaware	OP: Spatial and Spectral Control of Quantum Dot Single Photon Emitters for Scalable Photonic Devices	\$299,570	\$0	\$0			
113	2015-11-08-14	HE/University of Delaware	Infusing Computational Thinking into General Education	\$192,290	\$0	\$0			
114	2015-11-08-15	HE/University of Delaware	Collaborative Research: Binary Colloidal Nanocrystal Assemblies: From Classical Close Packing to Targeted Property Enhancement	\$41,060	\$0	\$0			
115	2015-11-08-16	HE/University of Delaware	Shipboard Scientific Support Equipment CY15 Supplement	\$5,200	\$0	\$0			
116	2015-11-08-17	HE/University of Delaware	Collaborative Research: Controlling Microstructure in Resilin-based Hydrogels: Linking Microscale Mechanical Properties to Behavior	\$286,536	\$0	\$0			

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117	2015-11-08-18	HE/University of Delaware	INFEWS; SusChem: Biodegradable, Selective and Sensitive Nanoscale Sensors for the Pre-Emptive Detection of Phosphorous and Nitrogen Containing Species in Open and Ground Water	\$334,976	\$0	\$0			
118	2015-11-08-19	HE/University of Delaware	Enhancing Sensitivity and Selectivity of Quantitative SPR Analyses	\$346,475	\$0	\$0			
119	2015-11-08-20	HE/University of Delaware	Search for the Sources of the Highest Energy Neutrinos	\$186,933	\$0	\$0			
120	2015-11-08-21	HE/University of Delaware	CDS&E: System Software Solutions to Unlock the Power of Big Data and Analytics in Ecoinformatics	\$337,987	\$0	\$0			
121	2015-11-08-22	HE/University of Delaware	Collaborative Research: Tunable, Self-Assembling Peptide Hydrogels for Selective Transport and Delivery	\$172,185	\$0	\$0			
122	2015-11-08-23	HE/University of Delaware	Reducing the Incidence of Secondary Knee Osteoarthritis - The Risk-OA Trial	\$487,807	\$0	\$0			
123	2015-11-08-24	HE/University of Delaware	Investigation of Phonon Interactions with Embedded Nanoparticles	\$248,843	\$0	\$0			
124	2015-11-08-25	HE/University of Delaware	Simons Driscoll Math+X Investigators	\$0	\$0	\$1,250,000			
125	2015-11-08-26	HE/University of Delaware	Autocrine/Paracrine Stimulatory Mechanisms of Glioblastoma Stem Cells	\$1,287,031	\$0	\$0			
126	2015-11-08-27	HE/University of Delaware	How do Discussions and Reflections on Video Clips Develop Graduate Teaching Assistants' Mathematical Knowledge for Teaching, Assumptions, and Beliefs?	\$0	\$0	\$50,000			
127	2015-11-08-28	HE/University of Delaware	Collaborative Project: Nonbiological Assemblies With Chemical Cross-Linkers	\$325,968	\$0	\$0			
128	2015-11-08-29	HE/University of Delaware	Collaborative Research: Underwater Acoustic Communications Using Analog Joint Source-Channel Coding	\$240,996	\$0	\$0			
129	2015-11-08-30	HE/University of Delaware	Collaborative Research: Direct and Inverse Problems in Trabecular and Cortical Bone	\$73,005	\$0	\$0			
130	2015-11-08-31	HE/University of Delaware	Polar (NSF 15-114): Using Polar Science Data to Evaluate Media Claims in the Undergraduate Classroom	\$189,636	\$0	\$0			
131	2015-11-08-32	HE/University of Delaware	GOALI: Directed Self-Assembly of Linear and Star Block Copolymer Thin Films - Oriented Nanostructures with Reduced Feature Sizes via Raster Annealing	\$244,884	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
132	2015-11-08-33	HE/University of Delaware	Bridge to the Doctorate: The Greater Philadelphia Region (Cohort XIV) Project at the University of Delaware	\$1,056,000	\$0	\$0			
133	2015-11-08-34	HE/University of Delaware	Electronic Characterization of Nanostructured Semiconductors by Ultrafast Luminescence Imaging	\$249,309	\$0	\$0			
134	2015-11-08-35	HE/University of Delaware	Sulfur-Aromatic and Selenium-Aromatic Interactions in Peptides and Proteins	\$337,950	\$0	\$0			
135	2015-11-08-36	HE/University of Delaware	White Clay Creek National Wild & Scenic River Watershed Mgmt Plan Implementation	\$0	\$0	\$8,000			
136	2015-11-08-37	HE/University of Delaware	Vascular Effects of Dietary Salt in Humans with Salt-Resistant BP	\$1,872,468	\$0	\$0			
137	2015-11-08-38	HE/University of Delaware	Venturewell Spin in Weir	\$0	\$0	\$30,000			
138	2015-11-08-39	HE/University of Delaware	Penetration Mechanics Modeling of GE-Aviation Woven Carbon Fabric Composites Using LS-DYNA MAT162	\$0	\$0	\$64,101			
139	2015-11-08-40	HE/University of Delaware	Design of Multi-Functional SplitCore HBV Capsids for Precisely Controlled Multi-siRNA Delivery in Cancer Therapeutics	\$372,215	\$0	\$0			
140	2015-11-08-41	HE/University of Delaware	The World in a River: NGSS Earth Science Investigations for Pre- Service Elementary Teachers	\$192,256	\$0	\$0			
141	2015-11-08-42	HE/University of Delaware	NSF Collaborative Research: Merging Nanotechnology and Immunology for the Localization of Biological Materials in Multi-Layer Paint Systems from Artworks	\$52,638	\$0	\$0			
142	2015-11-08-43	HE/University of Delaware	Controlled Synthesis of the L10 Structure for Stroner Mn-Al Permanent Magnets	\$309,860	\$0	\$0			
143	2015-11-08-44	HE/University of Delaware	Geologic Map of the Saint Georges Quadrangle and the Eastern Portion of the Elkton Quadrangle, Delaware	\$170,715	\$0	\$0			
144	2015-11-08-45	HE/University of Delaware	Breast Displacement Studies with STF/Reebok	\$0	\$0	\$27,347			
145	2015-11-08-46	HE/University of Delaware	Assessing the Impact of Behavior, Information, and Institutions on Bycatch Avoidance	\$169,027	\$0	\$0			
146	2015-11-08-47	HE/Delaware State University	Differential Alpha-Synuclein Interactions Mediate Parkinsons Signaling	\$138,000	\$0	\$0			

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Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Positions		
							Federal	State	Other
147	2015-11-08-48	HE/Delaware State University	Collaborative Research: Catalytic Tuning of the Kinetics and Thermodynamics of Complex Hydrides: An Experimental and Theoretical Study	\$232,033	\$0	\$0			
148	2015-11-08-49	HE/Delaware State University	DSU SNAP Ed	\$254,368	\$0	\$0			
149	2015-11-08-50	HE/Delaware State University	Collaborative Research: Digitization TCN: The Mid-Atlantic Megalopolis: Achieving a greater scientific understanding of our urban world.	\$97,123	\$0	\$0			
150	2015-11-08-51	HE/Delaware State University	Development and Validation of Image Registration Techniques for Remotely Sensed Earth Imagery	\$21,179	\$0	\$0			
151	2015-11-08-52	HE/Delaware State University	Small Business Development Center- Year 3		\$0	\$27,392			
152	2015-11-08-53	HE/Delaware State University	Mechanisms of Adaptive Modulation of Intrinsic Properties of Motoneurons	\$915,795	\$0	\$0			